METHOD AND DEVICE FOR PROCESSING PICTURE

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Abstract

PURPOSE:To attain a picture processing method coping flexibly with a characteristic of input and output pictures when an optimum picture is obtained by using an arithmetic equation and to process the input and output pictures of diversified kinds at a low cost without increasing the circuit scale of an arithmetic means and a storage means.
CONSTITUTION:Picture data are received by a 1st multiplier 2, a 1st subtractor 5 and a 1st adder 6. A constant generator 1 generates constants a1, a2, a3 and they are respectively fed to the lst multiplier 2, the 1st subtractor 5 and the 1st adder 6. The 1st multiplier 2 provides an output of a product a.X. The 1st subtractor 5 provides a difference (X-a2) and the 1st adder 6 provides an output of sum (X-a3). A 2nd multiplier 3 provides an output of product a1.X.(X-a2). A divider 4 provides an output of quotient a1.X.(X-a2)/ (X+a3). A 2nd adder 7 provides an output of operated data $Y1(=X+a1.X.(X-a2)/(X+a3)$.